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UNITED STATES GOVERNMENT

Memorandum

TO : Director of Communications

OCE-M76-094
DATE: 5 March 1976

FROM : Chief, Communications Engineering

SUBJECT: Monthly Narrative Summary Report -- February 1976

1. The final mailing of the AFT RFP was made on 11 February with many of the prospective bidders receiving the RFP as late as 19 February. Because of late receipt, an incorrect contact telephone number, and omission of instructions on how to respond, several requests for extension of the due date for response were received. System Engineering Laboratories (SEL) informed the Contracting Officer they are not planning to bid.

25X1 2. [] officially requested a delay of one month in the installation schedule for ARS-V, beginning with system pre-acceptance [] A response was forwarded to Office of Logistics, Procurement Division, requesting that the delay be denied. 25X1

25X1 3. The Barry Research (BR) time-delivery modems and the American Computer Communications (ACC) error-control units were received, successfully tested at [], and shipped to [] is scheduled to depart in early March to install and conduct tests using the equipment on the HF link between the two stations. In addition, plans were coordinated with [] to conduct tests using the BR and FSK equipment on the [] circuit in April. 25X1 25X1

25X1 4. A meeting between Agency and [] personnel was held on 27 February to discuss the CDS project status. The meeting was called to resolve issues addressed in a letter to [] concerning resource utilization and the implementation schedule. The meeting resulted in a memorandum of understanding wherein [] agreed to provide an additional processor for expansion purposes and the Agency agreed to purchase an additional PCTG to improve VDU response times and growth capability. [] agreed that there would be no impact upon the program schedule. 25X1 25X1

[] 25X1



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25X1 5. The Office of Logistics occupied their new quarters in the [] Building on schedule, 5-6 February, with all required secure voice and data systems functional. All indications are that Phase II secure voice and data requirements will be met in the necessary time frame.

6. OC has received \$200,000 for continuation of work on ITS-W.

25X1 7. The [] Satellite has continued to function erratically with many spin-ups occurring during the month. However, [] has initiated an investigation into a new computer-controlled, rate-mode scheme which shows promise of regaining stabilization of the satellite. In the meantime, circuits to the base stations in [] 25X1 [] are operating satisfactorily via the [] Satellite. The SC-1A installation at [] 25X1 was completed.

25X1 8. The preliminary plans for relocation of the [] receiver site to [] 25X1 were completed. Funds were transferred for the preliminary site preparation, and negotiations are in progress for award of contract for the building. Technical discussions have been conducted with [] 25X1 [] who will probably compete for the [] contract. Each company claims that delivery of the isochronous multiplexing equipment required for the black [] 25X1 trunk can be made by 30 July 1976.

25X1 9. Bench evaluation of the first-article, MX-113 SKYMUX TDM is near completion. Test procedures are being written to address the system interface evaluation, which is to commence o/a 8 March at [] Procurement actions for the additional equipment required to implement [] SKYMUX field stations are being prepared. 25X1

25X1 10. [] exhibited a new failure mode in mid-February. Both [] noted the spacecraft did not respond on 12 and 13 February. The satellite appears intermittent. OD&E tasked [] to send an engineer to [] to gather additional data. At the end of the month, there is no explanation for the erratic behavior. 25X1

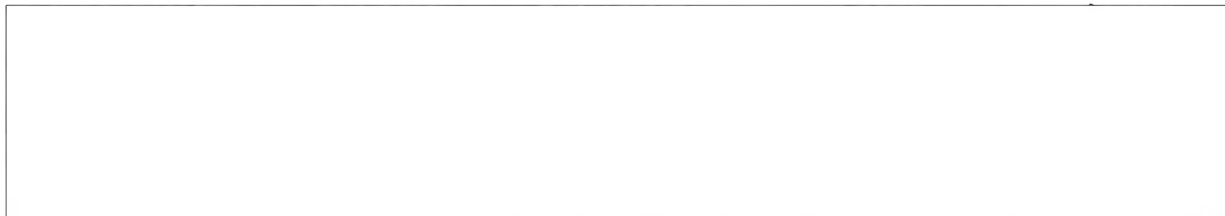
11. The engineering model of the CV-651 IF downconverter/control unit and associated 651S receivers was installed in a

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25X1 [] PD-2 position for test purposes. [] is arranging
25X1 for on-the-air, medium-speed test schedules with [].



25X1 13. The ASU-110 audio scrambler units produced by []
as a replacement for the ML-79, were found to be operationally
unacceptable. Further engineering work is being undertaken
by []

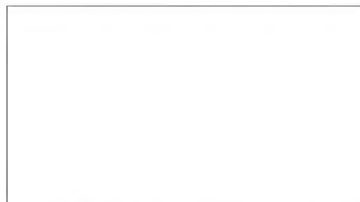
14. An action plan covering the RS-708/709 update program
was formulated.

15. A concept report and a feasibility model of an updated
version of the CU-37 control unit were presented to OC-O/COD
for their review.

16. An OTS third-track recorder (CMY-2) is being investi-
gated as a possible accessory for the SV-8.

25X1 17. The [] SKYLINK antenna installation was
completed by SED/FAB/SS during February.

18. Market research for a solid state ATE to test digital
printed circuit cards continues. Three ATE systems from General
Radio, Data Test, and Fluke are currently under review.



Distribution:

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